

CLAIMS

1. An IPS (in-plane switching) liquid crystal display, comprising:
 - a first substrate;
 - a second substrate opposite to the first substrate;
 - a liquid crystal layer disposed between the two substrates;
 - a plurality of common electrodes and pixel electrodes disposed on the second substrate; and
 - a plurality of spacers disposed on the common electrodes and the pixel electrodes;
 - wherein the spacers are electrically conductive.
2. The IPS liquid crystal display as claimed in claim 1, wherein the spacers have a rectangular cross-section.
3. The IPS liquid crystal display as claimed in claim 2, wherein the spacers are made of metal.
4. The IPS liquid crystal display as claimed in claim 2, wherein the spacers are made of an ACF (anisotropic conductive film).
5. The IPS liquid crystal display as claimed in claim 1, wherein the spacers have a circular cross-section.
6. The IPS liquid crystal display as claimed in claim 5, wherein the spacers are made of metal.
7. The IPS liquid crystal display as claimed in claim 5, wherein the spacers are made of an ACF (anisotropic conductive film).
8. The IPS liquid crystal display as claimed in claim 1, further comprising a plurality of counter electrodes disposed between the spacers and the first substrate.

9. An IPS (in-plane switching) liquid crystal display, comprising:

a first substrate;

a second substrate opposite to the first substrate;

a liquid crystal layer disposed between the two substrates;

a plurality of common electrodes and pixel electrodes disposed on the second substrate; and

a plurality of spacers disposed on the common electrodes and the pixel electrodes;

wherein each of the spacers comprises a spacer body and an electrically conductive film around the spacer body.

10. The IPS liquid crystal display as claimed in claim 9, wherein each of the spacers has a rectangular cross-section.

11. The IPS liquid crystal display as claimed in claim 10, wherein the spacer body is made of glass.

12. The IPS liquid crystal display as claimed in claim 10, wherein the conductive film comprises indium-tin oxide.

13. The IPS liquid crystal display as claimed in claim 9, wherein each of the spacers has a circular cross-section.

14. The IPS liquid crystal display as claimed in claim 13, wherein the spacer body is made of glass.

15. The IPS liquid crystal display as claimed in claim 13, wherein the conductive film comprises indium-tin oxide.

14. The IPS liquid crystal display as claimed in claim 9, further comprising a plurality of counter electrodes disposed between the spacers and the first substrate.

15. A liquid crystal display comprising:

opposite first and second substrates in a spatial parallel relation;

a liquid crystal layer located between the first and second substrates;

a plurality of spacers located between the first and second substrates and surrounding the liquid crystal layer; and

an alignment film located above the second substrate and under the liquid crystal layer, and horizontally among said spacers.

16. The liquid crystal display as claimed in claim 15, wherein common electrodes and pixel electrodes are located between the corresponding spacers and one of said first and second substrates.

17. The liquid crystal display as claimed in claim 16, wherein counter electrodes are located between the corresponding spacers and the other of said first and second substrates.